

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: ) Confirmation No.: 5639  
Evgeni GOLDBERG et al. ) Group Art Unit: 2129  
Serial No.: 10/789,810 ) Examiner: Fernandez Rivas, Omar F.  
Filed: February 27, 2004 )  
For: METHOD AND SYSTEM FOR )  
SOLVING SATISFIABILITY )  
PROBLEMS )

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**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed on May 11, 2007, please amend the above-identified application as follows.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 10.